



Preliminary Program



International Summer School on the functional significance of forest biodiversity

22nd – 29th September 2013, Białowieża, Poland

1952-2012

**BIAŁOWIEŻA GEBOTANICAL
STATION UNIVERSITY OF WARSAW**

Sunday 22nd September, Arrival

Monday 23rd September:

Introduction to the Summer School and Fine roots dynamics

8.30-8.45 Official opening of the Summer School

8.45-10.15 Opening lecture *Functional significance of forest biodiversity* – state of the art – prof. Michael Scherer-Lorenzen

10.15-10.45 Coffee break

10.45 Introduction to Fine root dynamics – prof. Leena Finér

12.15-13.30 Lunch break

13.30-15.30 Root sampling in field

15.30- 18.00 Processing of samples in Lab

Drying of samples in oven overnight

Optional

19.00 Ice Breaker Dinner (approximate cost 30-40 Euro)

Tuesday 24th September:

Using competition indices to examine species interactions

8.30-11.00 Fine root dynamics continued (lab work, statistical analyses, interpretation) – prof. Leena Finér

11.00-11.30 Coffee break

11.30-13.00 Working title: How and what for we measure simple tree traits – prof. Miguel A. Zavala

13.00-14.00 Lunch break

14.00-17.30 Field sampling and data analyses

Wednesday 25th September:

Forest dynamics and biodiversity

8.00-9.00 History, ecology and biodiversity of the Białowieża Forest – introduction to the field visit – dr Bogdan Jaroszewicz

9.00-10.00 Changes of structure and species composition of mixed forests based on results from the long-term research plots – prof. Bogdan Brzeziecki

10.00-10.30 Coffee break

10.45-17.30 Strict reserve of the Białowieża National Park – natural mixed forests and their dynamics
Lunch in the field

Thursday 26th September

Plant – animal interactions

8.30-10.00 Predators – ungulates – vegetation interactions shaping deciduous forest – dr hab. Dries Kuijper

10.00-10.30 Coffee break

10.30-13.00 patterns of ungulate browsing in relation to 'escape impediments'/camera traps as research tools in ecology – Dries Kuijper, Marcin Churski and Jakub Bubnicki

13.00-14.00 Lunch

14.00-16.30 patterns of ungulate browsing in relation to 'escape impediments'/camera traps as research tools in ecology – continued

16.30-17.30 statistical analyses and interpretation of data

Friday 27th September:

Management of mixed forests

8.30-9.30 Silviculture and management of tree species diverse forests – an European perspective – prof. Jürgen Bausch

9.30-10.30 Introduction to forest management in Poland and in Białowieża Forest

10.30-11.00 Coffee break

11.00-17.00 Management of mixed forests: Forest owner/Forest manager point of view

Lunch in the field

Saturday 28th September

Science in the Media

8.30-10.00 review suitable methods of new media tools available for accessing key audiences

10.00-10.30 Coffee break

10:30 – 13:00 Science 2.0

13.00 – 14.00 Lunch

14.00 – 17.30 Introduction to FunDivEUROPE Knowledge Transfer Tool

Sunday 29th September

Beyond the Forest – the Post-School Excursion to Biebrza National Park

(Optional; costs for transport and food approximately 30-40 Euro/person)

6.45 Departure from Białowieża (bus)

9.00-16.30 Biebrza National Park

16.30-17.30 Bus ride to Białystok (possibility to take train back to Warsaw)

19.30 Arriving to Białowieża

Monday 30th September – departure of all participants